



PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 3 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

21121 7590 08/23/2004

OPPEDAHL AND LARSON LLP
P O BOX 5068
DILLON, CO 80435-5068

08/30/2004 GWORDF2 00000003 09681656

01 FC:1501 1330.00 OP
02 FC:1504 300.00 OP

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Lori South (Depositor's name)
Lori South (Signature)
August 27, 2004 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/681,656	05/16/2001	Barrie Jeremiah Mullins	ERLGP008US2	1010

TITLE OF INVENTION: METHOD FOR PROVIDING A DEVICE COMMUNICATING TO A BACKPLANE THE CURRENT STATUS OF AN ASSOCIATED POWER SUPPLY UNIT CONNECTED TO THE BACKPLANE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	11/23/2004
EXAMINER	ART UNIT	CLASS-SUBCLASS			
SURYAWANSHI, SURESH	2115	713-300000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Oppedahl & Larson LLP

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Richmount Computers Limited

Dublin, IRELAND

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee☒ Publication Fee (No small entity discount permitted)☐ Advance Order - # of Copies

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.☒ Payment by credit card. Form PTO-2038 is attached.

☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 15-0610 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is not claiming SMALL ENTITY status. See, e.g., 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

(Authorized Signature)

Carl Oppedahl (Date)

27 Aug 04

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMIT THIS FORM WITH FEE(S)

PTOL-85 (Rev. 07/04) Approved for use through 04/30/2007.

OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

US patent Number 6,832,324

REQUEST FOR EXPEDITED ISSUANCE OF A CORRECTED PATENT

Pursuant to 37 CFR § 1.322(b) and MPEP § 1480.01, the undersigned requests a corrected patent.

Attached for convenient reference please find a copy of Form PTOL-85 received by USPTO on February 24, 2010. The Form PTOL-85 clearly shows the Attorney, Agent or firm to be:

Oppendahl & Larson LLP

Through the fault of the Patent and Trademark Office, the patent was issued with this on the front page:

(74) Attorney, Agent, or Firm—Oppendahl & Larson LLP

It will be appreciated that the prominence of the mistake (on the front page of the patent) is such that a certificate of correction would not be appropriate. It is thus requested that the Director issue a corrected patent in lieu thereof as a more appropriate form for certificate of correction, without expense to the patentee thereof. 37 CFR § 1.322(b).

Respectfully submitted,

/s/

Carl Oppendahl
PTO Reg. No. 32746



US006832324B2

(12) **United States Patent**
Mullins et al.

(10) **Patent No.:** **US 6,832,324 B2**
(45) **Date of Patent:** **Dec. 14, 2004**

(54) **METHOD FOR PROVIDING A DEVICE COMMUNICATING TO A BACKPLANE THE CURRENT STATUS OF AN ASSOCIATED POWER SUPPLY UNIT CONNECTED TO THE BACKPLANE**

5,475,295 A * 12/1995 Hong 340/636.15
5,483,423 A * 1/1996 Lewis et al.
5,654,592 A * 8/1997 Butler et al. 307/80
5,721,458 A * 2/1998 Kearney et al. 307/150

(List continued on next page.)

(75) Inventors: **Barrie Jeremiah Mullins**, Wicklow Town (IE); **Reuben Michael Martinez**, Colorado Springs, CO (US)

FOREIGN PATENT DOCUMENTS

JP 411110083 A * 4/1999 G06F/1/18

(73) Assignee: **Richmount Computers Limited**, Dublin (IE)

OTHER PUBLICATIONS

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 647 days.

IBM, Long Term Peak and Average Power Consumption Logging for Power Supply Size Determination, Aug. 1, 1999, vol. 42, Issue 424, pp. 3.*

(21) Appl. No.: **09/681,656**

(22) Filed: **May 16, 2001**

(65) **Prior Publication Data**

US 2002/0008427 A1 Jan. 24, 2002

Related U.S. Application Data

(60) Provisional application No. 60/204,577, filed on May 16, 2000.

(30) Foreign Application Priority Data

Sep. 7, 2000 (IE) S2000/0706
Sep. 7, 2000 (IE) S2000/0707

(51) Int. Cl.⁷ **G06F 1/30; G06F 11/00**

(52) U.S. Cl. **713/300; 714/14; 714/22**

(58) Field of Search 713/300, 340, 713/320; 714/22, 14

(56) References Cited

U.S. PATENT DOCUMENTS

5,313,369 A 5/1994 Lewis et al.

Primary Examiner—Thomas Lee

Assistant Examiner—Suresh K Suryawanshi

(74) Attorney, Agent, or Firm—Oppendahl & Larson LLP

(57) ABSTRACT

A power supply unit controller for a rack enclosure in which a plurality of devices communicate via a backplane is disclosed. The controller reads signal(s) indicative of output supply level(s) being provided to the backplane by a power supply unit associated the the power supply unit controller and stores value(s) associated with the signal(s). The controller further stores a scaling value associated with a respective signal and dependent on the power supply unit, and a power supply unit serial number. The controller is responsive to a request from an SES processor to return a state of the associated power supply unit to the SES processor, the state including a combination of: a summary of the current status of the power supply unit, the value (s), the scaling value(s), and the power supply unit serial number, according to the SES processor request.

8 Claims, 2 Drawing Sheets

